CELVE INC

#### SAF-RC-006 100-N Ancillary Facilities & 190-DR Other Solid Sampling for ERDF Waste Designation FINAL DATA PACKAGE

#### COMPLETE COPY OF DATA PACKAGE TO:

Dave Encke

X5-50

NB 12/1/05 INITIAL/DATE

Amy Hood

H9-02

NB 12/1/05 INITIAL/DATE

Jeanette Duncan

H9-02

NB 12/1/05 INITIAL/DATE

#### **COMMENTS:**

SDG \_05-A-6085\_\_\_\_

SAF-RC-006

Rad only X Chem only

Rad & Chem

X Complete

**Partial** 

Waste Site: 119-N Asbestos/119-NA Asbestos/181-NC

Asbestos/1313-N Asbestos



SUBMITTED TO:

Joan Kessner Washington Closure Hanford 3190 George Washington Way, MSIN H9-02 Richland, WA 99352



REFERENCE DATA:

Client Sample No.:

J10F42 through J10F81

P.O. No.:

Not Available

Sample Location:

119-N Asbestos/119-NA Asbestos/181-NC Asbestos/1313-N Asbestos

Sample Type:

Bulk

Method Reference:

EPA-600/R-93/116

DCL Set ID No.:

05-A-6085

DCL Sample ID No.:

05-38723 through 05-38747

Sample Receipt Date:

11/3/05

Analysis Date:

11/9/05

We certify that the following samples were prepared and analyzed by Polarized Light Microscopy for asbestos and other fibrous constituents using EPA-600/R-93/116. The samples were acceptable upon receipt except where noted. The samples were examined under a stereomicroscope in a laboratory fume hood for general composition and phase separation. If needed, portions of the sample were removed and ground with a mortar and pestle before being mounted on a glass microscope slide. Mountings of representative portions of the material are prepared in one or more appropriate refractive index liquids (1.550, 1.605, 1.680) and examined by Polarized Light Microscopy\*. Estimates of concentration are made on an area basis. The results of the analysis apply only to the materials analyzed and are summarized on the attached bulk asbestos analysis data sheets. DataChem Laboratories will dispose of all bulk samples after 60 days unless other arrangements are made.

Shawn Smythe Analyst

Anna Marie Ristich

Reviewer

\*Floor tiles, decorative paints, joint compounds, and cement materials require additional treatment in order to evaluate the concentration of small asbestos fibers bound in the material. Some samples may contain fibers that are not visible by PLM and can only be detected by electron microscopy techniques. Floor tiles are analyzed as homogeneous materials if insufficient mastic is present or if phases have been cross contaminated.

DataChem Laboratories NVLAP Lab ID: 101917. Laboratory accreditation by the National Institute of Standards and Technology does not in any way constitute approval or endorsement by NVLAP, NIST, or any agency of the federal government.

CINCINNATI OFFICE 4388 GLENDALE-MILFORD ROAD CINCINNATI, OHIO 45242-3706 513 733-5336, FAX 513 733-5347 WEST COAST OFFICE 11 SANTA YORMA COURT NOVATO, CALIFORNIA 94945 800 280-8071, FAX 415 893-9469

RO-006

Client: Washington Closure Hanford Location: 119-N Asbestos Set ID: 05-A-6085

| Client Sample ID:         | J10F42      | J10F43      | J10F44      | J10F45                                | J10F46     |
|---------------------------|-------------|-------------|-------------|---------------------------------------|------------|
| DCL Sample ID:            | 05-38723    | 05-38724    | 05-38725    | 05-38726                              | 05-38727   |
| Macroscopic Examination   |             |             |             |                                       |            |
| Accepted/Rejected:        | Accepted    | Accepted    | Accepted    | Accepted                              | Accepted   |
| Homogeneity:              | Layered     | Layered     | Homog.      | Heterog.                              | Homog.     |
|                           | Inseparable | Inseparable |             |                                       |            |
| Color:                    | Yellow/Grey | Yellow/Grey | Yellow/Grey | Grey                                  | Grey       |
| Texture:                  | Fibrous     | Fibrous     | Fibrous     | Crmby/Fbrs                            | Pwdry/Fbrs |
| Description:              | Insulation  | Insulation  | Insulation  | Mat <del>eri</del> al                 | Material   |
| Analysis:                 | PLM         | PLM         | PLM         | PLM                                   | PLM        |
| Asbestiform Minerals      |             |             |             | · · · · · · · · · · · · · · · · · · · |            |
| % Chrysotile:             |             |             |             |                                       | >3 ≤ 5     |
| % Amosite:                |             |             |             |                                       | >10≤20     |
| % Crocidolite:            |             |             |             |                                       |            |
| % Tremolite - Actinolite: |             |             |             |                                       |            |
| % Anthophyllite:          |             |             |             |                                       |            |
| % Total Asbestos:         | ND          | ND          | ND          | ND                                    | >13 ≤ 25   |
| Other Materials           |             |             |             |                                       |            |
| % Cellulose:              |             |             |             |                                       |            |
| % Fiberglass:             | >60 ≤ 70    | >60 ≤ 70    | >90 ≤ 100   | >30 ≤ 40                              |            |
| % Other Fibers:           | >10≤20      | >10≤20      |             | >10≤20                                |            |
| % Resin/Binder:           |             |             |             |                                       |            |
| % Non Fibrous:            | >5 ≤ 10     | >5≤10       | >3≤5        | >30≤40                                | >70 ≤ 80   |

ND = None Detected

Trace = <1%

Special Prep Procedures: None.

\*Notes: P.O.#: Not Available.

Shawn Smythe Microscopist

All values are in area percent by visual estimate. The Federal Register Vol. 55 No. 224 Tuesday Nov. 20 1990 Rules and Regulations states "... If the asbestos content is estimated to be less than 10% by a method other than point counting,... (the analysis) be repeated using the point counting technique by PLM." Any of the above samples can be reanalyzed by point counting at the client's request. Wherever possible, separate phases are analyzed and reported individually.

Client: Washington Closure Hanford Location: 119-N Asbestos Set ID: 05-A-6085

|                           |             |            | _          |                  |             |
|---------------------------|-------------|------------|------------|------------------|-------------|
| Client Sample ID:         | J10F47      | J10F48     | J10F49     | J10F50           | J10F51      |
| DCL Sample ID:            | 05-38728    | 05-38729   | 05-38730   | 05- <u>38731</u> | 05-38732    |
| Macroscopic Examination   |             |            |            | <u>-</u>         |             |
| Accepted/Rejected:        | Accepted    | Accepted   | Accepted   | Accepted         | Accepted    |
| Homogeneity:              | Heterog.    | Homog.     | Homog.     | Homog.           | Layered     |
|                           |             |            |            |                  | Inseparabe  |
| Color:                    | Yellow/Grey | Grey       | Grey       | Grey             | Yellow/Grey |
| Texture:                  | Fbrs/Crmby  | Fibrous    | Fibrous    | Fibrous          | Fibrous     |
| Description:              | Material    | Insulation | Insulation | Insulation       | Insulation  |
| Analysis:                 | PLM         | PLM        | PLM        | PLM              | PLM         |
| Asbestiform Minerals      |             |            |            |                  |             |
| % Chrysotile:             |             |            |            |                  |             |
| % Amosite:                |             |            |            |                  |             |
| % Crocidolite:            |             |            |            |                  |             |
| % Tremolite - Actinolite: |             |            |            |                  |             |
| % Anthophyllite:          |             |            |            |                  |             |
| % Total Asbestos:         | ND          | ND         | ND         | ND               | ND          |
| Other Materials           |             |            |            |                  |             |
| % Cellulose:              | >1≤3        | >1≤3       | >5 ≤ 10    |                  |             |
| % Fiberglass:             | >50 ≤ 60    | >80 ≤ 90   | >70 ≤ 80   | >80 ≤ 90         | >60 ≤ 70    |
| % Other Fibers:           |             |            |            |                  | >10≤20      |
| % Resin/Binder:           |             |            |            |                  |             |
| % Non Fibrous:            | >30 ≤ 40    | >5≤10      | >5 ≤ 10    | >5≤10            | >5≤10       |

ND = None Detected Trace = <1%

Special Prep Procedures: None.

\*Notes: P. O. #: Not Available.



Client: Washington Closure Hanford Location: 119-N Asbestos/119-NA Asbestos

Set ID: 05-A-6085

| Client Sample ID:         | J10F52      | J10F53      | J10F54     | J10F60     | J10F61     |
|---------------------------|-------------|-------------|------------|------------|------------|
| DCL Sample ID:            | 05-38733    | 05-38734    | 05-38735   | 05-38736   | 05-38737   |
| Macroscopic Examination   |             |             |            |            |            |
| Accepted/Rejected:        | Accepted    | Accepted    | Accepted   | Accepted   | Accepted   |
| Homogeneity:              | Layered     | Layered     | Layered    | Layered    | Layered    |
|                           | Inseparabe  | Inseparabe  | Inseparabe | Inseparabe | Inseparabe |
| Color:                    | Yellow/Grey | Yellow/Grey | Yellow/Tan | Yellow/Tan | Yellow/Tan |
| Texture:                  | Fibrous     | Fibrous     | Fibrous    | Fibrous    | Fibrous    |
| Description:              | Insulation  | Insulation  | Insulation | Insulation | Insulation |
| Analysis:                 | PLM         | PLM         | PLM        | PLM        | PLM        |
| Asbestiform Minerals      | · · · · · · |             |            | -          |            |
| % Chrysotile:             |             |             |            |            |            |
| % Amosite:                |             |             |            |            |            |
| % Crocidolite:            |             |             |            |            |            |
| % Tremolite - Actinolite: |             |             |            |            |            |
| % Anthophyllite:          |             |             |            |            |            |
| % Total Asbestos:         | ND _        | ND          | ND         | ND         | ND         |
| Other Materials           |             |             |            |            |            |
| % Cellulose:              |             |             | >3≤5       | >3≤5       | >3 ≤ 5     |
| % Fiberglass:             | >60 ≤ 70    | >60 ≤ 70    | >80 ≤ 90   | >80≤90     | >80 ≤ 90   |
| % Other Fibers:           | >10 ≤ 20    | >10≤20      |            |            |            |
| % Resin/Binder:           |             |             |            |            |            |
| % Non Fibrous:            | >5≤10       | >5 ≤ 10     | >3≤5       | >3≤5       | >3≤5       |

ND = None Detected Trace = <1%

Special Prep Procedures: None.

\*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

Client: Washington Closure Hanford

Location: 119-NA Asbestos/181-NC Asbestos/1313-N Asbestos

Set ID: 05-A-6085

| Client Sample ID:         | J10F62     | J10F70           | J10F71     | J10F72       | J10F76     |
|---------------------------|------------|------------------|------------|--------------|------------|
| DCL Sample ID:            | 05-38738   | <u>05-38739</u>  | 05-38740   | 05-38741     | 05-38742   |
| Macroscopic Examination   |            |                  |            |              |            |
| Accepted/Rejected:        | Accepted   | Accepted         | Accepted   | Accepted     | Accepted   |
| Homogeneity:              | Homog.     | Homog.           | Homog.     | Layered      | Homog.     |
|                           |            |                  |            | Inseparable  |            |
| Color:                    | Yellow     | Yeilow           | Yellow     | Yllw/Blk/Tan | Yellow     |
| Texture:                  | Fibrous    | Fibrous          | Fibrous    | Fbrs/Resns   | Fibrous    |
| Description:              | Insulation | Insulation       | Insulation | Insulation   | Insulation |
| Analysis:                 | PLM        | PLM              | PLM        | PLM          | PLM        |
| Asbestiform Minerals      |            |                  |            |              |            |
| % Chrysotile:             |            |                  |            |              |            |
| % Amosite:                |            |                  |            |              |            |
| % Crocidolite:            |            |                  |            |              |            |
| % Tremolite - Actinolite: |            |                  |            |              |            |
| % Anthophyllite:          |            |                  |            |              |            |
| % Total Asbestos:         | ND         | ND               | ND         | ND           | ND         |
| Other Materials           |            |                  |            |              |            |
| % Cellulose:              |            |                  |            | >3 ≤ 5       |            |
| % Fiberglass:             | >90≤100    | >90 <b>≤</b> 100 | >90 ≤ 100  | >60 ≤ 70     | >90 ≤ 100  |
| % Other Fibers:           |            |                  |            |              |            |
| % Resin/Binder:           |            |                  |            | >5 ≤ 10      |            |
| % Non Fibrous:            | >3≤5       | >3≤5             | >3≤5       | >10 ≤ 20     | >3≤5       |

ND = None Detected Tr

Trace = <1%

Special Prep Procedures: None.

\*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

Client: Washington Closure Hanford Location: 1313-N Asbestos Set ID: 05-A-6085

| Client Sample ID:         | J10 <b>F77</b> | J10F78     | J10F79     | J10F80     | J10F81     |
|---------------------------|----------------|------------|------------|------------|------------|
| DCL Sample ID:            | 05-38743       | 05-38744   | 05-38745   | 05-38746   | 05-38747   |
| Macroscopic Examination   |                |            | _          |            |            |
| Accepted/Rejected:        | Accepted       | Accepted   | Accepted   | Accepted   | Accepted   |
| Homogeneity:              | Homog.         | Homog.     | Homog.     | Homog.     | Homog.     |
| Color:                    | Yellow         | Yellow     | Yellow     | Yellow     | Yellow     |
| Texture:                  | Fibrous        | Fibrous    | Fibrous    | Fibrous    | Fibrous    |
| Description:              | Insulation     | Insulation | Insulation | Insulation | Insulation |
| Analysis:                 | PLM            | PLM        | PLM        | PLM        | PLM        |
| Asbestiform Minerals      |                |            |            |            |            |
| % Chrysotile:             |                |            |            |            |            |
| % Amosite:                |                |            |            |            |            |
| % Crocidolite:            |                |            |            |            |            |
| % Tremolite - Actinolite: |                |            |            |            |            |
| % Anthophyllite:          |                |            |            |            |            |
| % Total Asbestos:         | ND             | ND         | ND         | ND         | ND         |
| Other Materials           |                |            |            |            |            |
| % Cellulose:              |                |            |            |            |            |
| % Fiberglass:             | >90 ≤ 100      | >90 ≤ 100  | >90 ≤ 100  | >90 ≤ 100  | >90 ≤ 100  |
| % Other Fibers:           |                |            |            |            |            |
| % Resin/Binder:           |                |            |            |            |            |
| % Non Fibrous:            | >3≤5           | >3≤5       | >3 ≤ 5     | >3≤5       | >3≤5       |

ND = None Detected Trace = <1%

Special Prep Procedures: None.

\*Notes: P. O. #: Not Available.



| Washington Closure Hanford  | СНА                       | IN OF CUST                  | ODY/S.                  | AM       | PLE    | ANALY     | /SIS   | REC          | UEST                  | r T                       | RC           | -006-022     | Page 1                 | of <u>4</u>                         |
|---|---------------------------|-----------------------------|-------------------------|----------|--------|-----------|--------|--------------|-----------------------|---------------------------|--------------|--------------|------------------------|-------------------------------------|
| Collector<br>AM Hood / Singletan  | Company of Dave Sh        | Contact                     | Telephon<br>373-22      | e No.    |        |           |        | Proie        | et Coordii<br>NER, JH | nator                     | rice Code    | 9K           | Data Tu                | rearcead                            |
| Project Designation<br>100-N Ancillary Facilities & 190-DR Other Solid Sampling f | Sampling 1<br>119-N A     | Location<br>Asbestos        |                         |          |        |           |        | SAF N        |                       | A                         | ir Quality   |              | 7 D                    | ays                                 |
| Ice Chest No. Fed Ex Box  | Field Logi                |                             |                         | co       | A      |           |        | Metho<br>Fed | od of Ship<br>Ex      | ment                      |              |              |                        |                                     |
| Shipped To DataChem Laboratories - Cincinnati POSSIBLE SAMPLE HAZARDS/REMARKS     | Offsite Pro               | roperty No.                 | 1060                    | 0)       | 6      |           |        | Bill o       | f Lading/             | Air Bill No.              | Sec          | osf          | <br>مح<br>ا            |                                     |
| Asbesios  | }                         | Preservation                | None                    |          |        |           |        | }            |                       | ]                         |              |              |                        |                                     |
| Special Handling and/or Storage   | 7                         | Type of Container           | G/P                     |          |        |           |        |              |                       |                           |              |              |                        |                                     |
| None 05. A. 6085  | N                         | No. of Container(s)  Volume | 1<br>5g                 | }_       |        |           |        | +            |                       |                           | <del> </del> | <del> </del> |                        |                                     |
| SAMPLE ANALYSIS   |                           | y out the                   | Ashrico-<br>BULK-EPA    |          |        |           |        |              | <br>                  |                           |              |              |                        |                                     |
| San No. Matrix Sen  | aple Date                 | Sample Time                 | 五。                      | <b>1</b> | É      |           |        |              |                       | · .                       | 1 3 4        |              |                        |                                     |
|   | 1-1-05                    | 1045                        |                         |          |        |           |        |              |                       |                           |              |              |                        |                                     |
| J10F43 36734 OTHER SOLID //   | -1-05                     | 1097                        |                         | L        | $\geq$ | Analy     | ze i   | c y þ        | F13.F                 | 44 unti                   | 11ST DE      | esitive 1    | reult                  |                                     |
| J10F44 38775 OTHER SOLID 1/   | 1-1-05                    | 1050                        | <u> </u>                | $\angle$ |        |           |        |              |                       |                           |              |              | I ——                   |                                     |
| 110F45 38726 OTHER SOUD //  | -1-05                     | 1055                        | <u></u>                 |          | >_     | Analya    | < F    | 44           | EF46                  | until                     | ST posi      | pive res     | utt.                   |                                     |
| J10F46 38727 OTHER SOLID //-  | -1-05                     | 1100                        | <u> </u>                |          |        |           |        |              |                       |                           |              |              |                        |                                     |
|   | Sign/Print Na             |                             |                         |          | SPEC   | IAL INSTR | UCTIO  | NS           |                       | <u> </u>                  |              |              |                        | Matrix *                            |
| 14 most trulor 11/05 3  | ived By/Stored II<br>7292 | A 11/1/05                   |                         |          |        |           |        |              |                       |                           |              |              |                        | S+Soil<br>SE-Selimon<br>SO-Solid    |
| Relimpushed By/Rymoved From Date/Time Received                                    | ived By/Stored I          | "John !                     | 11e/Time<br>L/05 / Ou   |          |        |           |        |              |                       |                           |              |              |                        | SI-Studge<br>W = Wang               |
|   | ived By/Stored b          |                             | ite/Time                |          | 1      |           |        |              |                       |                           |              |              |                        | O=Oil<br>A=Air                      |
| Relinquished By Removed from WCH (1/2/05 (QW)                                     | Fed                       |                             |                         |          | Ì      |           |        |              |                       |                           |              |              |                        | DS-Drum Solida<br>DL-Drum Liquida   |
| Relinquished By/Removed From Date/Time Recei                                      | ived By/Stored I          | in Dr                       | yetime<br>      1/2/657 |          | ]      |           |        |              |                       |                           |              |              |                        | T=Tissue<br>Wt=Wipe                 |
| Relinquished By/Removed From Date/Time Recei                                      | ived By/Stored [          | in Da                       | Me/Time                 | 100      |        |           |        |              |                       |                           |              |              |                        | L=Liquid<br>V=Vegenation<br>X=Other |
| Relinquished By/Removed From Date/Time Recei                                      | ived By/Stored I          | In Da                       | nte/Time                |          | 1      |           |        |              |                       |                           |              |              |                        |                                     |
| LABORATORY Received By SECTION  | 5                         |                             | Ti                      | tle      |        |           |        |              |                       |                           |              |              | Date/Time<br>1057 12 1 | <del></del>                         |
| FINAL SAMPLE Disposal Method DISPOSITION  |                           |                             |                         |          |        | Dispo     | sed By |              |                       | · <del></del> · · · · · · |              |              | Date/Time              |                                     |

| AM Ilond   Simple No.   Date Torransead   Date T | Washington Clo                                   | sure Hanford                | CI               | HAIN OF CUST        | ODY/S    | AM   | PLE    | ANAL        | YSIS         | RE            | OUEST   |             | RC          | -006-022                   | Page 2       | of 4          |
|--|--|-----------------------------|------------------|---------------------|----------|--|--------|-------------|--------------|---------------|---|-------------|-------------|----------------------------|--------------|---------------|
| The Check In Fig. 1 proper time and analysis and the control of Shipper In Fed Ex Box Field Lebbeah No. EL-1516-7 (COA) Method of Shipper In Fed Ex Box Field Lebbeah No. EL-1516-7 (Pot Ex Box In International Control of Shipper In Fed Ex Box Field Lebbeah No. EL-1516-7 (Pot Ex Box In International Control of Shipper In Fed Ex Box Field Lebbeah No. EL-1516-7 (Pot Ex Box In International Control of Shipper In Fed Ex Box Field Lebbeah No. EL-1516-7 (Pot Ex Box In International Control of Shipper In Fed Ex Box International Control of Shipper Interna | Collector<br>AM Hood / Single                    | ten                         | Compa            | ny Contact          | Telepho  | ne No.                                       |        |             |              | Proi          | ect Coordi  | nator       | Price Code  | 9K                         | Data Tu      | narousd       |
| Thissed To Date Chem Laboratories - Circinnate Office Preservation Name  Preservation Name  Preservation Name  Preservation Name  Special Handling and/or Storage  No. of Container(1) 1  No. of Container(1)  | Project Designation<br>100-N Ancillary Facilitie | s & 190-DR Other Solid Samp |                  | _                   |          |  |        |             |              |               |   | A           | ir Quality  |                            | 7 E          | ays           |
| DataChem Laboratories - Cincinnation   | Ice Chest No. F-e                                | der Box                     |                  |                     |          |  |        | N 200       | 0            |               |   | ment        |             |                            |              |               |
| Special Handling and/or Storage  | Shipped ToDataChem Laboratories                  | - Cincinnati                | Offsite          | Property No.        | 4060     | YOC  | •      |             | <b></b>      | Bill          | of Lading/  | Air Bill No | See         | OSPC                       |              |               |
| Sample No.   Matrix   Sample Date   Sample Time   Sample Time   Sample No.   Matrix   Sample Date   Sample Time   Sample Time   Sample Date   Sample Time   Sample Date   Sample Time   Sample Date   Sample Time   Sample Date   Sample Time   Sample Time   Sample Date   Sample D   | POSSIBLE SAMPLE HA                               | AZARDS/REMARKS              |                  |                     | j        | 1  |        |             | ļ            | [             |   | 1           | 1           | 1                          |              | 1             |
| Sample No.   Matrix   Sample Date   Sample Time   Sample No.   Sample Date   | Asbestos   |                             |                  | Preservation        |          |  |        | <u> </u>    |              |               |   | Ĺ           |             |                            |              |               |
| Sample No.   Matrix   Sample Date   Sample Time   Sample Time   Sample No.   Matrix   Sample Date   Sample Time   Sample No.   Matrix   Sample Date   Sample Time   Sample No.   Sample No.   Matrix   Sample Date   Sample Time   Sample No.   | Special Handling and/                            | or Storage                  |                  | Type of Container   |          | 1  |        |             | <del> </del> | _             |   |             |             |                            |              |               |
| SAMPLE ANALYSIS    Sample No.   Matrix * Sample Date   Sample Time   | Alond  |                             |                  | No. of Container(s) | <u> </u> | <u>.                                    </u> |        |             |              |               |   | <u> </u>    | 1           | 1                          | 1            | 1             |
| Sample No.   Matrix *   Sample Date   Sample Time  | 7,000  | e2-4-6092                   | İ                | Volume              | 5g       |  |        |             |              |               |   |             |             |                            |              |               |
| Sample No.   Matrix *   Sample Date   Sample Time  |  |                             |                  | <del></del>         |          |  |        |             |              | _             |   |             |             | 1                          | <del> </del> | <del></del>   |
| 10647 38736 OTHER SOLID 11-1-05 1047 V 110749 38736 OTHER SOLID 11-1-05 1047 V 110750 38731 OTHER SOLID 11-1-05 1050 V 110751 38732 OTHER SOLID 11-1-05 1050 V 110751  |  | sample analy                | SIS              |                     |          |  |        |             |              |               |   | }<br>       |             |                            |              |               |
| 10647   38734   OTHER SOLID   11-1-05   1047   V   | Sample No.                                       | Matrix *                    | Sample Date      | Sample Time         |          |  |        | VT (2) 12 - | 5, 20        | *             | Sale E  |             |             |                            | 1 4 4        | G. etch co    |
| 100F48 38779 OTHER SOLID 11-1-05 1049 Analyse F48, F49, F50 until First positive Result.  100F49 38730 OTHER SOLID 11-1-05 1050 Analyse F48, F49, F50 until First positive Result.  100F50 38732 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, 52, F3 until 15 positive result.  100F51 38733 OTHER SOLID 11-1-05 1052 Analyse F51, F42, F43, F43, F43, F43, F43,  | J10F47 3x72X                                     | OTHER SOLID                 | 11-1-05          |                     |          |  |        | A 14        | sain:        | - 20          |   | 4 ( 4 %     | A1          | 1 - 98 EM 3                | 1 5 -        | 1.30 - 1.40 m |
| JIOF49 38 730 OTHER SOLID 1/-/-05 1048 Analyze F48, F49, F50 until First nositive Result.  JIOF50 38 73 OTHER SOLID 1/-/-05 1050 V  JIOF51 38 730 OTHER SOLID 1/-/-05 1050 V  CHAIN OF POSSESSION  Sign/Print Names  Chainquished By/Removed From Date/Time   Q2 Received By/Stored in Date/Time   Q2 Received By/S |  | OTHER SOLID                 |                  |                     | ~        | 大  |        |             | <b>}</b>     |               |   |             | ┪──         | <del> </del>               | <del> </del> | <del> </del>  |
| OTHER SOLID   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/-05   1050   //-/05   1050   //-/  |  | OTHER SOLID                 |                  |                     | 1        | +  | $\geq$ | Analy       | 10 6         | 48            | EU9 E   | 0 40        | Six F       | and the                    | Delui        | Z.——          |
| CHAIN OF POSSESSION  Sign/Print Names  Pate/Time  Date/Time  Received By/Stored In  Date/Time  Date/Time  Date/Time  Received By/Stored In  Date/Time  Date/Time  Date/Time  Received By/Stored In  Date/Time   | J10F50 3873/                                     | OTHER SOLID                 |                  |                     | ~        | $\overline{}$                                |        | 7           |              |               |   | 0 0011      | 77.37       | 1                          | 2.007        | <del></del>   |
| CHAIN OF POSSESSION  Sign/Print Names  Pate/Time  Date/Time  Received By/Stored In  Date/Time  Date/Time  Date/Time  Received By/Stored In  Date/Time  Date/Time  Date/Time  Received By/Stored In  Date/Time   | J10F51 38738                                     | OTHER SOLID                 | 11-1-0           | 5 1052              | /        |  | >      | Analy       | ze /         | F5            | , 52.   | =3 W        | 11/16+      | na: true                   | resul        | k             |
| Received By/Removed From Date/Time Received By/Stored In Date/ | CHAIN OF POSSES                                  |                             |                  | t Names             |          |  | SPEC   |             |              |               | <del>,                                     </del> | <u> </u>    | <del></del> | <i>(40 ) / ( 1 ) ( 2 )</i> | 11675        | Matrix *      |
| Received By/Removed From Date/Time Received By/Stored In Date/Time Date/Time Date/Time Date/Time Date/Time Received By/Removed From Date/Time Received By/Stored In Date/Time Date/Time Date/Time Date/Time Received By/Stored In Date/Time  | Relinquished By/Removed From                     | 7                           |                  | red in 2A 11/1      |          | 47.  |        |             |              |               |   |             |             |                            |              |               |
| Setinquished By/Removed From Date/Time Received By/Stored In Date/Time Date/Time Date/Time Received By/Stored In Date/Time Date/Ti | Remarkished By Kemoved From                      |                             | Received By/Sto  | red in Da           | te/Time  |  | }      |             |              |               |   |             |             |                            |              | SO-Solid      |
| Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Date/Time Date/Time Received By/Stored In Date/Time Date/Time Date/Time Received By/Stored In Date/Time D | 3728 le (21                                      | . 1 1 .                     | Sand             | 500h - 1/2          | 105 10   | 200  | }      |             |              |               |   |             |             |                            |              | W - Water     |
| Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Relinquished By/Removed From Date/Time Received By/Stored In Date/Time  LABORATORY Received By SECTION  Date/Time  Title  Date/Time  Date/Time  Date/Time  Date/Time   | Relinquished By/Removed From                     | "                           | 1 -              | . ~ .               | ate/Time |  | }      |             |              |               |   |             |             |                            |              | A-Air         |
| Relinquished By/Removed From Date/Time Received By/Stored In Date/Time  Relinquished By/Removed From Date/Time Received By/Stored In Date/Time  LABORATORY SECTION  Title  Date/Time  Date/Time  Date/Time  Date/Time  Date/Time   | _ بحددکند  | (1/2/105 /400               |                  |                     | ete/Time |  | 1      |             |              |               |   |             |             |                            |              |               |
| Relinquished By/Removed From Date/Time Received By/Stored In Date/Time  LABORATORY Received By  SECTION Title Date/Time  Date/Time  Date/Time  Date/Time   |  | <u> </u>                    | fren             |                     | 1113651  | mis  |        |             |              |               |   |             |             |                            |              | L-Gieria      |
| LABORATORY Received By Title Date/Time SECTION 13/05/12/2  | Refinquished By/Removed From                     | nt Date/Time                | Received By/Stor | red In Di           | ate/Time |  | ]      |             |              |               |   |             |             |                            |              |               |
| SECTION  | Relinquished By/Removed From                     | m Date/Time                 | Received By/Sto  | red in Da           | ete/Time |  | 1      |             |              |               |   |             |             |                            |              | ŧ             |
|  | Distroit   | ved By                      |                  |                     | 7        | tle  |        |             |              |               |   | <del></del> |             |                            |              | ·             |
| DISPOSITION  | FINAL SAMPLE Dispo                               |                             | <del></del>      |                     |          |  |        | Disp        | osed By      | <del></del> - |   | <del></del> |             |                            |              |               |

| Washington Closur                                     | e Hanford               | CI               | IAIN OF CUST              | ODY/S                | AM             | PLE          | ANALY     | YSIS   | RE          | OUES                   | r           |            | RC-006-022   | Page 3   | of 4   |
|---|-------------------------|------------------|---------------------------|----------------------|----------------|--------------|-----------|--------|-------------|------------------------|-------------|------------|--------------|--|--|
| Collector<br>AM Hood / Single to                      | n                       | Control          | ny Contact<br>Shea        | Telenbo<br>373-2     | ne No.         |              |           |        | Proi        | ect Coordi<br>SNER, JH |             | Price Code | • 9K         | Data Tu  | maround  |
| Project Designation<br>100-N Ancillary Facilities & I | 90-DR Other Solid Samp  |                  | ng Location<br>N Asbestos |                      | · <del>-</del> |              |           |        | SAF<br>RC-0 |                        |             | Air Qual   | ity 📋        | 7 E  | ays  |
| Ice Chest No. Fed E                                   | x Box                   |                  | ogbook No.<br>1516-7      |                      | E'             | 3 <i>131</i> | VZDE      | 00     |             | ed of Skin             | ment        |            |              |  |  |
| Shipped To DataChem Laboratories - Cin                | cimati                  | Offsite          | Property No. A            | or a                 | 26             |              |           |        | Bin         | of Ladine              | 'Air Bill I | No. S      | see os       | <u>ک</u>   |  |
| POSSIBLE SAMPLE HAZAI                                 | RDS/REMARKS             |                  |                           | 1                    | {              |              | 1         |        |             |                        | İ           | i          | 1            | 1  | ļ —  |
| Asbestos  |                         |                  | Preservation              | None                 |                |              |           |        |             |                        | -           |            | i            | 1  |  |
| Special Handling and/or S                             | torage                  |                  | Type of Container         | G/P                  |                |              |           |        |             |                        |             |            |              |  | L  |
| None  |                         |                  | No. of Container(s)       | 1                    |                |              |           | L      |             |                        | <u></u>     | <u> </u>   |              | }  |  |
| 700m  |                         |                  | Volume                    | 5g                   |                |              |           |        | _ [         |                        |             |            |              |  |  |
|   |                         |                  |                           | Asbestos<br>BULK-EPA |                | _            |           |        |             |                        | 1           |            |              | <del>                                     </del> | <del>                                     </del> |
|   | SAMPLE ANALY            | SIS              |                           | ł                    | 1              |              | į         | l      | Į           |                        | ļ           | ļ          | į            |  |  |
| hS∙   | OS·A                    | -608-            | 2_                        |                      |                |              |           |        |             |                        |             |            |              |  |  |
| Sample No.  | Matrix *                | Sample Date      | Sample Time               |                      | . j.           |              |           | NIA"   | 77          |                        | 3,13        |            | हरू उम्र ६ व |  |  |
| J10F52 35733  | OTHER SOLID             | 11-1-0           | 1055                      |                      |                |              |           |        | _           |                        |             |            | 15t position |  |  |
| J10F53 3873Y  | OTHER SOUD              | 11-1-05          | 1057                      |                      |                |              |           |        | -1          | ,                      |             |            | 1            |  |  |
| J10F54 38735  | OTHER SOLID             | 11-1-05          | 1103                      | ~                    |                |              |           |        |             |                        |             |            |              |  |  |
| <del>310F5</del> 5"                                   | OTHER SOLID             |                  |                           |                      |                |              |           |        | $\neg \neg$ | ·                      |             |            |              | 1  |  |
| J10F66  | OTHER SOLID             |                  |                           |                      |                |              |           |        |             |                        |             |            |              | 1  |  |
| CHAIN OF POSSESSIO                                    |                         | Sign/Print       |                           |                      |                | SPEC         | IAL INSTR | UCTIO  | ONS         |                        |             |            |              |  | Matrix *   |
| Relinquished By/Removed From                          | Date/Time 1425          | Received By/Stor | 2A 11/10                  | ate/Time<br>( 142    | 5              |              |           |        |             |                        |             |            |              |  | S-Seil<br>SE-Seimen                              |
| Reinquished By Removed From 3728 Quf ZA 11/2          | Date/Time<br>2 05 / 000 | Received By Stor |                           | ate/Time             | 00             |              |           |        |             |                        |             |            |              |  | SO=Suid<br>SI=Studge<br>W = Water                |
| Relinquished By/Removed From                          |                         | Received By/Stor | ed in D                   | ate/Time             | -              |              |           |        |             |                        |             |            |              |  | O-Oil<br>A-Air<br>DS-Drum Solido                 |
| Relinquished By/Removed From                          | Date/Time               | Received By/Stor | ed in D                   | ate/Time             |                |              |           |        |             |                        |             |            |              |  | DL=Drum Liquids<br>T=Tione<br>WI=Wipe            |
| Feder   |                         | - Hann           |                           | 113/051              | 2/2            |              |           |        |             |                        |             |            |              |  | Leideid<br>V=Vegetation                          |
| Relinquished By/Removed From                          | Date/Time               | Received By/Stor | ed in Di                  | ate/Time             |                |              |           |        |             |                        |             |            |              |  | X-Other  |
| Relinquished By/Removed From                          | Date/Time               | Received By/Stre | ed in D                   | ate/Time             |                |              |           |        |             |                        |             |            |              |  | }  |
| LABORATORY Received By                                | y                       |                  |                           | Т                    | itle           |              |           |        | •           | <u>.</u>               |             |            |              | Date/Time  | ·  |
| SECTION FINAL SAMPLE Disposal M                       |                         |                  | - <del></del>             |                      |                |              | Diene     | sed By |             |                        |             |            |              | 12/05/1  | 212  |
| DISPOSITION DISPOSITION                               |                         |                  |                           |                      |                |              | - Lapu    | Dy     |             |                        |             |            |              | Date/Time  |  |

| Washington Closur                                   | e Hanford                    | Cl               | IAIN OF CUST                | ODY/S                 | AMP          | LE            | ANALY       | YSIS     | RE          | OUES                 | T          | Γ             | RC-      | -006-023   | Page 1       | of 2                       |
|---|------------------------------|------------------|-----------------------------|-----------------------|--------------|---------------|-------------|----------|-------------|----------------------|------------|---------------|----------|------------|--------------|----------------------------|
| Collector AM Hood                                   |                              |                  | env Contact<br>e Shea       | Telepho:<br>373-2     |              | _             |             |          |             | ect Coon<br>SNER, Ji |            | Pric          | re Code  | 9K         | Data Tu      | rnaround                   |
| Project Designation<br>100-N Ancillary Facilities & | 190-DR Other Solid Samp      |                  | ing Location<br>NA Asbestos |                       |              |               |             |          | SAF<br>RC-0 |                      |            | Air           | Quality  |            | 7 I          | Days                       |
| Ice Chest No. Fed E                                 | x Box                        |                  | ogbook No.<br>1516-7        |                       | COA          | R13           | 313N2       | GOO      |             | od of Sh<br>d Ex     | pment      |               | <u> </u> |            |              |                            |
| Shipped To DataChem Laboratories - Cir              | ecinnati                     | Offsite          | Property No.                | 4060                  | ٨٥ج          | <b>&gt;</b> . |             |          | Bill        | of Ladin             | e/Air Bill | No.           | Se e     | OSP        | <br>_        |                            |
| POSSIBLE SAMPLE HAZA                                | RDS/REMARKS                  |                  |                             |                       |              | }             |             |          | 1           |                      |            | - {           |          | }          | 1            | •                          |
| Asbestos  |                              |                  | Preservation                | None                  |              |               |             |          | l           |                      |            | - 1           |          |            |              |                            |
| Special Handling and/or S                           | itorage                      |                  | Type of Container           | G/P                   |              |               |             |          |             |                      |            |               |          |            |              |                            |
| None  |                              |                  | No. of Container(s)         | ļ                     | <del> </del> | _             | <del></del> | <u> </u> |             |                      |            |               |          |            |              | <u> </u>                   |
| ,,,,,   |                              |                  | Volume                      | 5g                    | İ            |               |             | l        |             |                      |            |               |          |            |              |                            |
|   | ·                            |                  | <u> </u>                    | Asbestos-<br>BULK-EPA |              |               |             | <u> </u> |             |                      | †          | 1             |          |            | <del> </del> | <del> </del>               |
| 1   | SAMPLE ANALY                 |                  |                             | }                     | <b>\</b>     | <u> </u>      | 1           | 1        | 1           |                      | 1          | - 1           |          | 1          |              |                            |
| 25  | 05.A.                        | 6025             |                             | ļ                     | }            |               |             | ļ        |             |                      |            |               |          | i          |              |                            |
| Sample No.  | Matrix *                     | Sample Date      | Sample Time                 |                       |              | ÷.,           |             | in .     | -7 60       |                      | 1          |               |          | - 20 g 2 g |              |                            |
| J10F60 38736  | OTHER SOLID                  | 1/1/05           | 1111                        | 7                     |              |               |             |          |             |                      | ,          |               |          |            |              |                            |
| J10F61 3を737  | OTHER SOLID                  | 11/1105          | 113                         | ٣_                    |              | 1-10          | Ct ur       | h        | 5           | KF E                 | POSIF      | $\mathcal{H}$ | ,        |            |              | <u> </u>                   |
| J10F62 3F738  | OTHER SOLID                  | 1/1/05           | 1115                        | <b>\</b>              |              | $\sum$        |             |          |             | 7                    |            |               |          |            |              | <u> </u>                   |
| J10F63  | OTHER SOLID                  | <del></del>      |                             |                       |              |               |             |          |             |                      |            |               |          |            |              |                            |
| J10F64-   | OTHER SOLID                  |                  |                             |                       |              |               |             |          |             |                      |            |               |          |            |              |                            |
| CHAIN OF POSSESSIO                                  |                              | Sign/Prin        |                             |                       |              | SPEC          | IAL INSTR   | UCTIO    | ONS         |                      |            |               |          |            |              | Matrix *                   |
| Retinquished By/Removed from                        | Date/Time 1415               | Received By/Stor | red in D                    | ate/Time  4           | 12           |               |             |          |             |                      |            |               |          |            |              | S-Suit<br>SE-Suitment      |
| Reinformed By/Removed From                          | Date/Time                    | Received By/Sto  |                             | ate/Time              | -            |               |             |          |             |                      |            |               |          |            |              | SO-Solid<br>SI-Sludge      |
| 3720 Ref 24   | 11/2/05 1000                 | President        | <del>2 (1 (1) 2  </del>     |                       | 100          |               |             |          |             |                      |            |               |          |            |              | W = Water<br>O=Oil         |
| Relimoushed By/Removed From                         | Date/Time  H H   2   05 /002 | Received By/Stor | red in D                    | ate/Time              | 1            |               |             |          |             |                      |            |               |          |            |              | A=Air<br>DS=Drum Selids    |
| Relinquished By/Removed From                        | Date/Time                    | Received By/Stor |                             | ate/Time              |              |               |             |          |             |                      |            |               |          |            |              | DL=Orem Liquids<br>T=Times |
| Fredry  |                              | den              |                             | 1112/05/              | 1212         |               |             |          |             |                      |            |               |          |            |              | Wi-Wipe<br>L-Limid         |
| Relinquished By/Removed From                        | Date/Time                    | Received By/Sto  | red In D                    | ate/Time              |              |               |             |          |             |                      |            |               |          |            |              | V=Vegazition<br>X=Other    |
| Relinquished By/Removed From                        | Date/Time                    | Received By/Sto  | red In D                    | ate/Time              |              |               |             |          |             |                      |            |               |          |            |              |                            |
| LABORATORY Received B                               | y                            |                  |                             | Т                     | itic         |               | •           |          |             |                      |            |               |          |            | Date/Time    | <del></del>                |
| SECTION FINAL SAMPLE   Disposal M                   |                              |                  |                             |                       |              |               | Dies        | sed By   |             |                      |            |               |          |            | 3/27/12      | ac_                        |
| FINAL SAMPLE Disposal M DISPOSITION                 | termy :                      |                  |                             |                       |              |               | Dispo       | жий      |             |                      |            |               |          |            | Date/Time    |                            |
| <u></u>   |                              |                  |                             |                       |              |               |             |          |             |                      |            |               |          |            |              |                            |

| Washington Closure Hanford  | CI            | IAIN OF CUST                | ODY/S                 | AM         | PLE  | ANAL      | YSIS     | RE          | QUES'              | r  | _          | RC-     | -006-024                                | Page 1       | of 2                                   |
|---|---------------|-----------------------------|-----------------------|------------|------|-----------|----------|-------------|--------------------|--|------------|---------|---|--------------|--|
| Collector<br>AM Hood  | Compe         | nv Contact<br>Shea          | Telepho<br>373-2      | ne No.     |      |           |          | Prei        | ect Coord          | -  | Pri        | ce Code | 9K                                      | Data Tu      | rnaround                               |
| Project Designation<br>100-N Ancillary Facilities & 190-DR Other Solid Sampling f |               | ing Location<br>NC Asbestos |                       |            |      |           |          | SAF<br>RC-0 |                    |  | Air        | Quality |   | 7 I          | ays                                    |
| Ice Chest Na. F-ed Ey Box   |               | .oebook No.<br>1516-7       |                       | た13        | 13   | N 200     | صـــ     |             | od of Shir<br>d Ex | Dittent  |            |         |   |              |  |
| Shipped ToDataChem Laboratories - Cincinnati                                      | Offsite       | Property No.                | 060                   |            |      |           |          | Bill        | of Lading          | /Air Bill  | No.        | ہو      | e 09                                    | æ            |  |
| POSSIBLE SAMPLE HAZARDS/REMARKS   |               |                             | ł                     |            |      |           | 1        |             |                    |  | - 1        |         |   | 1            |  |
| Asbesios  |               | Preservation                | None                  |            |      |           |          | }           |                    |  | Ì          |         | }                                       |              | 1                                      |
| Special Handling and/or Storage   |               | Type of Container           | G/P                   |            |      |           |          |             |                    |  |            |         |   |              |  |
| None  |               | No. of Container(s)         | ـــــ                 | ↓          |      |           | <u> </u> | _           |                    |  |            |         |   | <u> </u>     |  |
|   |               | Volume                      | 5g                    |            |      |           |          | -           |                    |  |            |         |   |              |  |
|   |               |                             | Asbestos-<br>BULK-EPA |            |      | <b></b>   | <u> </u> |             |                    | <del>                                     </del> | 7          |         | <del>}</del>                            | <del> </del> | <del> </del>                           |
| SAMPLE ANALYSIS   |               |                             | 1                     |            |      | 1         | i        | }           |                    | 1  | 1          |         |   | 1            |  |
| 05-4-602  | 2             |                             |                       |            |      |           |          |             |                    |  |            |         |   |              |  |
| Sample No. Matrix * Sa  | mple Date     | Sample Time                 | **                    |            | - 1  |           | 10       |             |                    |  | <b>%</b> . |         | 7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | 13.1         |  |
| 110F70 38739 OTHER SOLID (  | 1/05          | 1154                        | 4                     |            |      |           |          |             |                    |  |            |         |   |              |  |
| J10F71 38740 OTHER SOUD (1  | 11/05         | 1155                        | ص                     | 13         | Ku   | LUR       | h .      | 61          | $\pm \rho_l$       | kiti   | W          |         |   | <u> </u>     |  |
| J10F72 3574 OTHER SOLID   | 10            | 5 1156                      | 70                    | 17         |      |           |          | }           |                    |  |            |         |   | T            |  |
| J10F73 OTHER SOLID  | <u> </u>      |                             | <u> </u>              |            |      |           |          |             |                    | ]  |            |         |   |              |  |
| LIOF74 OTHER SOLIO  |               | <u></u>                     |                       |            |      |           |          |             |                    |  |            |         |   |              |  |
| CHAIN OF POSSESSION   | Sign/Pri=     |                             |                       |            | SPEC | TAL INSTI | RUCTI    | DNS         |                    |  |            |         |   |              | Matrix *                               |
| Relinquished By/Removed From Date/Time 1/20 Rec                                   | 722           |                             | ate/Time /4           |            |      |           |          |             |                    |  |            |         |   |              | S-Soil<br>SE-Solimen                   |
| Reinfeatched By/Removed From Date/Time Rec  | ived By/Sto   | ed in D                     | ate/Time              |            |      |           |          |             |                    |  |            |         |   |              | SO-Solid<br>SI-Shedge                  |
| 3728 CCF 24 (1)2 100 1005   | 244           | 3.924                       | 2/25 /4               | <u>~~`</u> |      |           |          |             |                    |  |            |         |   |              | W = Water<br>O=Oil                     |
| David Stuphen with its last some  | ived By/Stor  |                             | ate/Time              | ļ          |      |           |          |             |                    |  |            |         |   |              | A-Air<br>DS-Drum Setids                |
|   | rived By/Sto  |                             | ate/Time              |            |      |           |          |             |                    |  |            |         |   |              | DI.=Drum Liquid<br>T=Titus:<br>W!=Wipt |
| Farence   | Marie Comment |                             | 1/3/10/               | 212        | -    |           |          |             |                    |  |            |         |   |              | L=Liquid<br>V=Vegetation               |
| Retinquished By/Removed From Date/Time Rec  | rived By/Stor | red.in D                    | ate/Time              |            |      |           |          |             |                    |  |            |         |   |              | X=Other                                |
| Relinquished By/Removed From Date/Time Rec  | tived By/Sko  | red In D                    | ate/Time              |            |      | _         | _        |             | _                  |  |            |         |   |              |  |
| LABORATORY Received By SECTION  | <br>د         |                             | T                     | itle       |      |           |          |             | <del></del>        |  |            |         |   | Date/Time    |  |
|   |               | <del></del>                 |                       |            |      | D'-       | and De   |             |                    |  |            |         |   | 15/12        | 12                                     |
| FINAL SAMPLE Disposal Method DISPOSITION  |               |                             |                       |            |      | Disp      | osed By  |             |                    |  |            |         |   | Date/Time    |  |

| Washington Closure Hanford  | CI           | HAIN OF CUST                 | ODY/S                 | AM          | PLE  | ANAL      | /SIS   | REQUEST                       |              | RC           | -006-025   | Page 1               | of 2                                   |
|---|--------------|------------------------------|-----------------------|-------------|------|-----------|--------|-------------------------------|--------------|--------------|--|----------------------|--|
| Collector AM Hood   | Compa        | nav Contact<br>e Shea        | Telepho<br>373-2      | не №.       |      |           |        | Project Coordi<br>KESSNER, JH | etor         | Price Code   | 9K   | Data Tu              | rnaround                               |
| Project Designation<br>100-N Ancillary Facilities & 190-DR Other Solid Sampling f |              | ing Location<br>3-N Asbestos |                       |             |      |           |        | SAF No.<br>RC-006             | 1            | ir Quality   | , []   | 7 D                  | ays                                    |
| lee Chest No. Fed Fx Box  |              | Logbook No.<br>1516-7        |                       | CO          |      | 313NZ     | (Di)   | Method of Shin<br>Fed Ex      | ment         |              |  |                      |  |
| Shipped To DataChem Laboratories - Cincinnati                                     | Offsite      | Property No.                 | 5600                  | <u>م</u> دِ |      |           |        | Bill of Lading/               | Air Bill N   | ° See        | DSPC   |                      | <del></del>                            |
| POSSIBLE SAMPLE HAZARDS/REMARKS   | ļ            | '                            | 1                     | ł           | 1    |           |        | _                             | 1            | Í            | 1  | 1                    | í -··                                  |
| Asbestos  | ļ            | Preservation                 | None                  | 1           |      |           | 1      |                               |              | 1            |  |                      |  |
| Special Handling and/or Storage   |              | Type of Container            | G/P                   |             |      |           |        |                               |              |              |  | <del></del>          | <del> </del>                           |
| None  | ,            | No. of Container(s)          | 1                     | 1           |      |           | i      |                               |              |              | Ţ <u> </u>                                       |                      |  |
| None  |              | Volume                       | 5 <b>g</b>            | 1           |      |           |        | 1                             |              |              | <del>                                     </del> | <del></del>          | <b></b>                                |
|   |              | <del></del>                  | Asbestos-<br>BULK-EPA | 1           |      |           |        |                               | <del> </del> | <del> </del> | <del> </del> -                                   | <del> </del>         | <b> </b>                               |
| SAMPLE ANALYSIS   |              |                              | 1                     |             |      |           |        | }                             | ĺ            | 1            | 1  | 1                    | Ì                                      |
| 05. A. 601  | 55           |                              |                       |             |      |           |        |                               |              |              |  |                      |  |
| Sample No. Matrix Sam   | nple Date    | Sample Time                  | . 1                   |             |      |           | -      |                               |              | *            |  | 7 336                |  |
| J10F76 38740 OTHER SOLID 11/1   | 15_          | 1119                         | 7                     |             |      |           |        |                               |              |              | <del>                                     </del> | 1                    | 111                                    |
| J10F77 38743 OTHER SOLID 11/  | IK           | 1120                         | 1 70                  | 13          | Jo   | thu       | 25     | 1 Arst                        | PINI         | Hze          | <del> </del>                                     | <del> </del>         | <del> </del>                           |
| J10F78 38744 OTHER SOLID  | 1115         | 1121                         | 17                    |             | , ,  |           |        |                               |              | 1            | <del> </del>                                     | † <del></del>        | <b></b>                                |
| J10F79 38745 OTHER SOLID 11/1   | 105          | liza                         | 7                     | 17          | 10   | Hu        | 7      | 1 Aret                        | 000          | Are          | 14/  | VOF 9                | 17                                     |
| J10F80 38746 OTHER SOLID 11/  | 1105         | 1126                         | 7                     | 17          | ,    |           |        |                               | 7            | <u> </u>     | 1000   | <del>  '' ' ''</del> | f-#                                    |
|   | Sign/Print   | t Names                      |                       |             | SPEC | IAL INSTR | UCTIC  | ONS                           | L            | <del></del>  | <del></del>                                      | <del></del>          | Matrix *                               |
| Relimpuished By/Relimpued Fifthm Date/Time 1357 Rocei                             | ved By/Stor  | ned In Dr                    | ate/Time 13           |             |      |           |        |                               |              |              |  |                      | S-Seil<br>SE-Seilman                   |
| Retinquished By/Removed From Date/Time Recei                                      | wed By/Sty   | Strom ?                      | pte/firme             |             | ļ    |           |        |                               |              |              |  |                      | SO-Selid<br>SI-Shaler                  |
| 3720 1264 24 WIZING 1000 D  | rived.       | 5 47 ~ "P                    |                       | 3-3         |      |           |        |                               |              |              |  | ı                    | W = Water<br>O=Oil                     |
| Danel of Jan wer 1/2/15 1960  | ived By/Ston | red in 1 Di<br>Fed Ex        | ate/Time              | ļ           |      |           |        |                               |              |              |  | ,                    | A=Air<br>DS=Drum Selids                |
| Relinquished By/Removed From Date/Time Recei                                      | ived By/Stor | ered in Da                   | ate/Time              |             | ł    |           |        |                               |              |              |  |                      | DL-Drum Liquids<br>T-Tituse<br>Wi-Wipe |
| Palmouthed RWR emond From Date/Time Recei   | ived By/Ston |                              | ///3/05/<br>late/Time | 1212        |      |           |        |                               |              |              |  | İ                    | L-Liquid<br>V-Vegation                 |
| Readance Dy Nonover Total   |              |                              | attr : =: x           |             |      |           |        |                               |              |              |  | ,                    | X=Other                                |
| Reimquished By/Removed From Date/Time Recei                                       | ived By/Stor | red in Dr                    | hate/Time             |             |      |           |        |                               |              |              |  |                      |  |
| LABORATORY Received By SECTION  | <br>د        |                              | T                     | itle        |      |           |        | <del></del>                   |              |              | τ  | Date/Time            | L                                      |
| SECTION FINAL SAMPLE Disposal Method  |              | <del></del>                  |                       |             |      | ————      | sed By |                               |              |              |  | 105/12/              | <u>, z</u>                             |
| DISPOSITION   |              |                              |                       |             |      | יטלפוט    | Stu by |                               |              |              | ı  | Date/Time            |  |

| Washington                                | Closur                                       | e Hanford                               | C                  | HAIN OF CUST                 | ODY/S                 | AMPL         | E ANAL'              | YSIS   | RE         | QUEST                    |             |   | RC-006- | 025         | Page 2       | of 2  |
|---|--|---|--------------------|------------------------------|-----------------------|--------------|----------------------|--|------------|--------------------------|-------------|---|---------|-------------|--------------|---|
| Collector<br>AM Hood                      |  |   | Comp               | env Contact<br>e Shea        | Telepho<br>373-2      | ne No.       |                      |  | Pro        | ieet Coordii<br>SNER, JH |             | Price C                                       | ode 9K  |             | Data Tur     | nareund   |
| Project Designation<br>100-N Ancillary Fa | cilities & l                                 | 90-DR Other Solid Sar                   |                    | ing Location<br>3-N Asbestos |                       |              |                      |  | SAI<br>RC- | F No.<br>-006            |             | Air Qu  | ality 🗍 |             | 7 D          | ays   |
| ice Chest No.                             | ed E   | k Box                                   |                    | Logbook No.<br>1516-7        |                       | 8213         | 1320                 | مى   |            | thod of Ship<br>ed Ex    | ment        |   |         |             |              |   |
| Shipped To<br>DataChem Laborat            | tories - Cin                                 | cinnati                                 | Offsit             | e Property No.               | 0600                  |              |                      | _  | Bn         | of Ladine                | Air Bill    | No. 5   | See D   | sp(         | 2            |   |
| POSSIBLE SAMPI                            | LE HAZAI                                     | RDS/REMARKS                             |                    | 1                            | 1                     |              | 1                    | ľ  |            |                          | }           | 1   | 1       | I           |              |   |
| Asbestos                                  |  |   |                    | Preservation                 | None                  |              | İ                    |  |            |                          |             |   |         |             |              |   |
| Special Handling                          | and/or S                                     | torage                                  |                    | Type of Container            | G/P                   |              |                      |  |            |                          |             |   |         |             |              |   |
| None                                      |  |   |                    | No. of Container(s)          | 1                     |              | 1                    |  |            |                          |             |   | 1       |             |              |   |
| 1000-                                     |  |   |                    | Volume                       | 5g                    |              |                      |  |            |                          |             |   |         |             |              |   |
|   |  |   |                    | <u> </u>                     | Asbestos-<br>BULK-EPA |              |                      | <u> </u>                                     |            |                          | <u> </u>    |   |         |             | <del> </del> | <del>                                     </del>    |
|   |  | SAMPLE ANAI                             |                    |                              |                       |              | 1                    | ļ  |            |                          |             | l   |         |             | İ            |   |
|   |  | 02.4                                    | 7-601-5            |                              | }                     | 1            |                      |  | ĺ          |                          |             |   |         |             |              |   |
| <u>-52-</u>                               |  | Matrix *                                | Sample Date        | Sample Time                  | ** 1.1 m              | 2 76 640     | as North Section 201 | - A- 7                                       | a ub       |                          |             |   | 77 - 77 | A           |              |   |
| Sample No                                 | <u>,                                    </u> |   |                    |                              |                       |              | 4 3 3 5              | P A  |            |                          | <b>A</b> 13 |   |         | <i>ie</i>   | #R. 3        | 能於這   |
| J10F81 387                                | 9/   | OTHER SOLID                             | 11/1/05_           | 1128                         | <del>  &gt;-</del> _  | <del>-</del> | 10st 1               | 11   | 21.,       | $5nF_{d}$                | <i>900</i>  | <u>/4                                    </u> | · w/c/  | <u> 101</u> | 130a         | nd 1/05   |
| 110E82                                    |  | OTHER SOLID                             |                    |                              | <b>↓</b>              | <u> </u>     | <del></del>          | ļ  |            |                          | <u> </u>    |   |         |             |              |   |
| 110E83-                                   |  | OTHER SOLID                             |                    |                              | <del> </del>          | <u> </u>     |                      | ļ  |            | <u> </u>                 | <u></u>     |   |         |             | <u> </u>     |   |
| #10F84_                                   |  | OTHER SOLID                             |                    |                              |                       | <u> </u>     | <u> </u>             | L_   |            |                          |             |   |         |             |              |   |
|   |  |   | <u> </u>           | ]                            | <u> </u>              | _            |                      | <u>]                                    </u> |            |                          | <u>L.</u>   |   |         |             |              |   |
| CHAIN OF PO                               |  |   | Sign/Pris          |                              |                       |              | CIAL INSTE           | RUCTIO                                       | ONS        |                          |             |   |         |             |              | Matrix *  |
| Relinquished By/Rendy                     | <u>እ-የሙ</u>                                  | 11 1 1 1 1                              | 17 Received By/S40 | 21 11/                       | ate/Time \2           | 357          |                      |  |            |                          |             |   |         |             |              | S-Soil<br>SE-Solimon<br>SO-Solid                    |
| 3728 ELF                                  |  | 11/2/05 1000                            | Received By/Sto    | 54 John 1/2/2                | 65 10                 | <b>6</b> 0   |                      |  |            |                          |             |   |         |             |              | SI=Sindge<br>W = Water                              |
| Relinquished By/Remov                     |  | Date/Time                               | Received By/Sta    | red in Di                    | ate/Time              |              |                      |  |            |                          |             |   |         |             |              | O-Oil<br>A-Air<br>DS-Oram Solids<br>DL-Dram Liquids |
| Retinquished By/Remov                     | red From                                     | Date/Time                               | Received By/Sk     |                              | ate/Time<br>13/05/12  | 2/2          |                      |  |            |                          |             |   |         |             |              | T=Timme<br>Wi=Wipe<br>L=Liquid                      |
| Relinquished By/Remov                     | red From                                     | Date/Time                               | Received By/Sto    |                              | ate/Time              |              |                      |  |            |                          |             |   |         |             |              | V=Vegetation<br>X=Other                             |
| Relanquished By/Remov                     | ed From                                      | Date/Time                               | Received By/Sto    | ored In D                    | ate/Time              |              |                      |  |            |                          |             |   |         |             |              |   |
| LABORATORY<br>SECTION                     | Received By                                  | inter                                   |                    |                              | т                     | itle         |                      |  |            |                          |             |   |         |             | Date/Time    |   |
|   | Disposal M                                   |   |                    |                              |                       |              | rs-                  | osed By                                      | —          |                          |             |   |         |             | <del></del>  | -/2   |
| FINAL SAMPLE DISPOSITION                  | . Cashoan M.                                 | *************************************** |                    |                              |                       |              | Evish                | oseu Dy                                      |            |                          |             |   |         |             | Date/Time    | Ì   |